

Peak District National Park

Forecast valid from 00:00 on Thursday 02 Feb 2023 until 23:59 on Friday 03 Feb 2023

Forecast Issued on Wednesday 01 Feb 2023 at 13:12

Confidence: High for occasionally unsettled pattern but lowering for the cloud detail due to its changeable nature.

Headline for Thursday 02 Feb 2023: Rather cloudy start with some patchy rain, but turning largely dry from late morning with some brighter spells developing. Strong summit winds.

Mountain weather hazards on Thursday 02 Feb 2023

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Low Likelihood

Poor visibility

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Drizzle	Light rain	Light rain	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability							
30%	60%	30%	10%	10%	<05%	<05%	<05%

Forecast for Thursday 02 Feb 2023

Weather: Overcast overnight with occasional rain, mostly light. A cloudy start to the day with occasional patchy light rain and drizzle, but most staying dry from late morning with afternoon brighter spells developing.

Chance of cloud-free hill tops above 600m: 20% at dawn, becoming 75% for afternoon

Low cloud and visibility: Good becoming moderate or poor in rain and drizzle, very poor within cloud with bases quite extensive down to 500m around dawn, lifting to be mostly above the peaks come late afternoon.

Forecast for Thursday 02 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/31 W	21/29 W	25/34 W	26/35 W	27/37 W	26/36 W	26/37 W	28/39 W	28/40 W
300	18/26 W	17/24 SW	19/28 W	18/26 SW	20/29 W	19/28 W	21/31 W	21/32 W	21/32 W
Valley	12/25 W	9/23 W	13/28 W	12/27 W	13/28 W	14/29 W	14/29 W	14/30 W	14/31 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	3/-2	5/-1	4/-2	5/-1	5/-1	4/-2	4/-2	4/-2
300	6/1	6/1	7/2	7/2	8/3	8/4	7/2	7/2	7/2
Valley	6/3	6/3	7/4	7/4	8/5	8/5	8/4	8/4	8/4
Freezing Level*	1200m	1500m	1400m	1300m	1300m	1200m	1200m	1300m	1800m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 01 Feb 2023	0.2mm	5.6mm	10.6mm

Forecast for Friday 03 Feb 2023

Weather: A cloudy day with occasional light rain and drizzle. Some chance of drier and brighter conditions developing late in the day.

Maximum wind: West or southwest mean 20-25mph with gusts reaching 35mph across more exposed ridges and summits, easing a little for the afternoon.

Chance of cloud-free hill tops above 600m: 20% becoming 40% late afternoon

Low cloud and visibility: Moderate or poor in rain and drizzle, very poor within cloud with bases quite extensive down to 500m, perhaps lifting and breaking late afternoon.

Temperature: **Valleys:** Plus 4 Celsius increasing 11 Celsius for the afternoon

At 600m: Plus 5-6 Celsius

Freezing level: Above summits